

**FIG. 1**

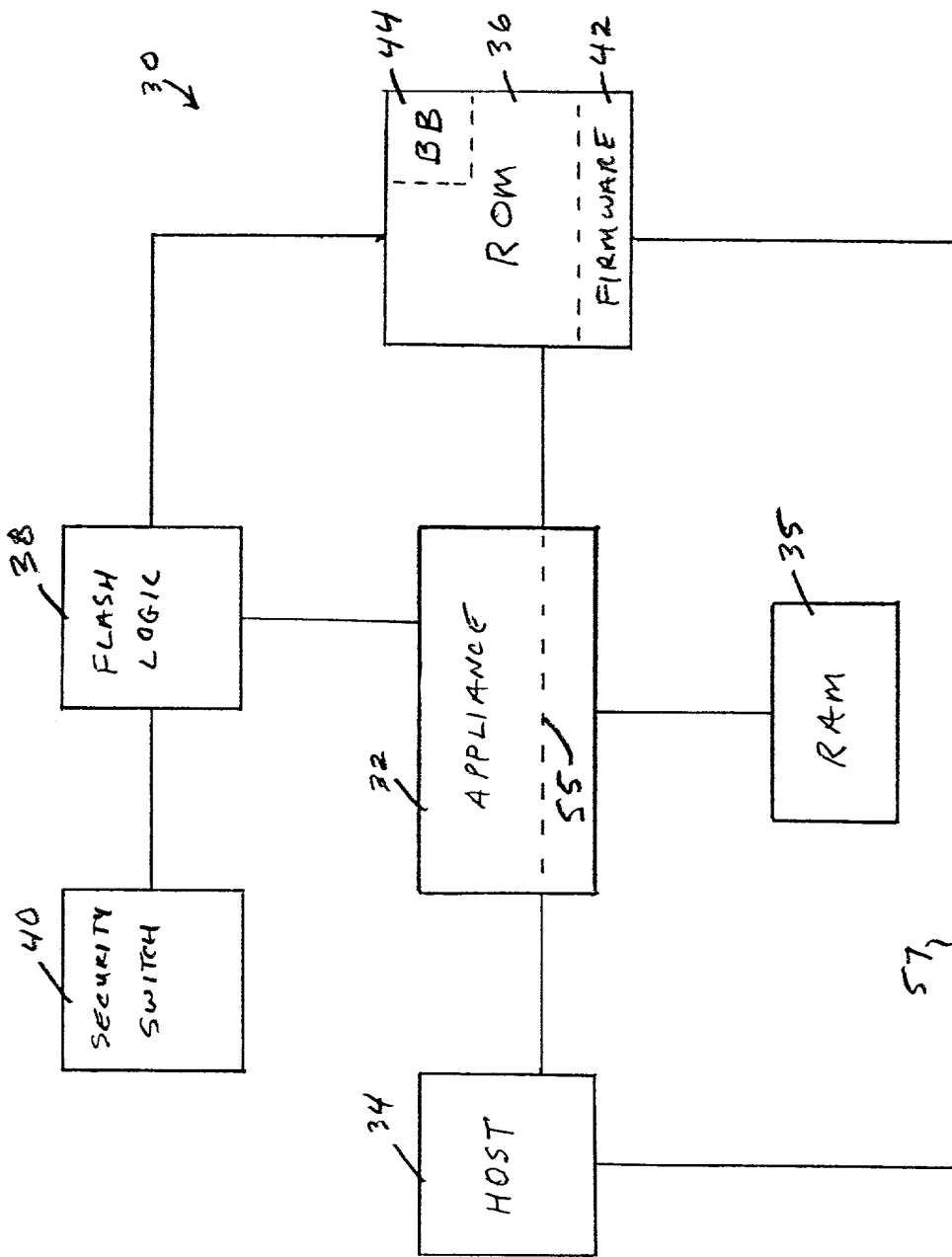


FIG. 2

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graph TD
    46[POWER UP] --> 47[VERIFY BOOT BLOCK]
    47 --> 48{IS BOOT BLOCK OPERABLE?}
    48 -- YES --> 56[LOCK OUT HOST]
    48 -- NO --> 50{IS SECURITY SWITCH ENABLED?}
    50 -- YES --> 54[HOST CAN FLASH BB AND/OR FIRMWARE]
    50 -- NO --> 52[SHUT DOWN]
    54 --> 58[VERIFY FIRMWARE]
    56 --> 58
    58 --> 60{IS FIRMWARE OPERABLE?}
    60 -- YES --> 62[LOAD FIRMWARE]
    60 -- NO --> 66{HOST FIRMWARE?}
    66 -- YES --> 70[APPLIANCE OR HOST FLASH FIRMWARE]
    66 -- NO --> 68[SHUT DOWN]
    70 --> 64[RUN FIRMWARE]
    62 --> 64
    64 --> A((A))
    64 --> B((B))

```

FIG. 3

FIG. 3

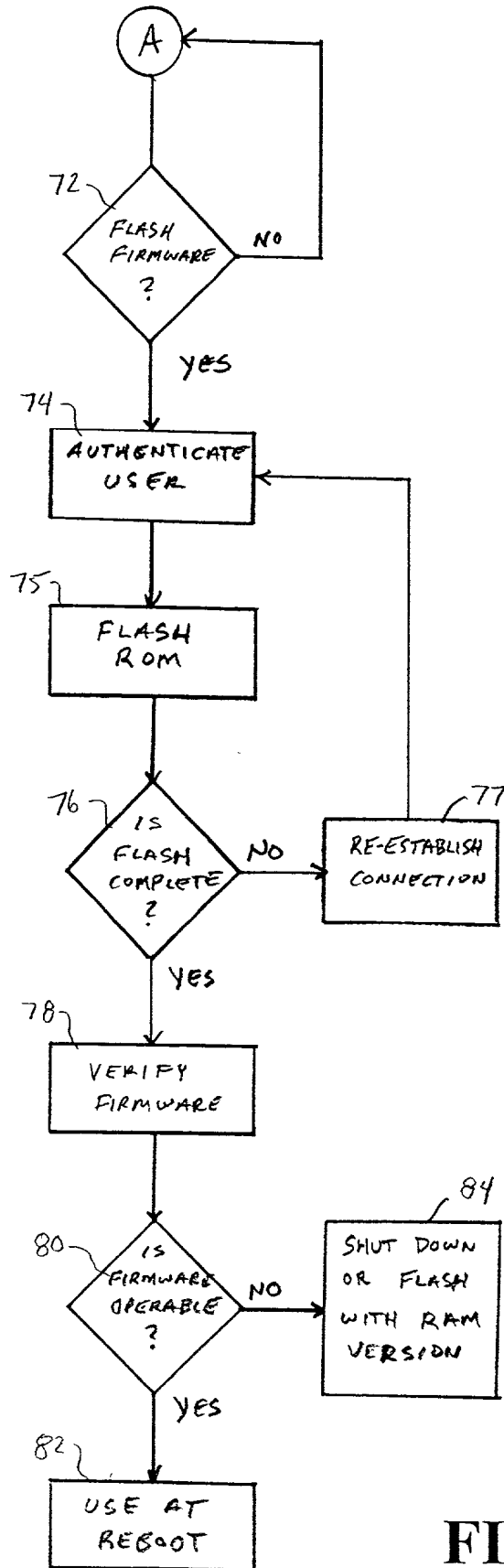
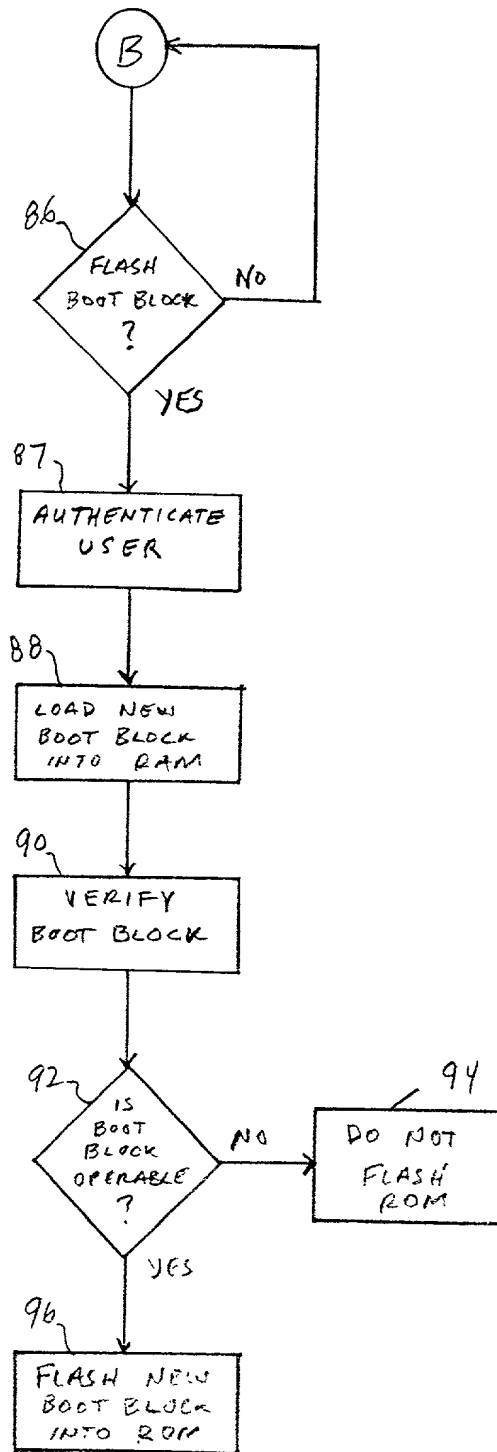


FIG. 4



**FIG. 5**